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A CHECK LIST OF TECHNICAL GAME BULLETINS PUBLISHED BY THE STATE GAME DEPARTMENTS

by

Joseph J. Hickey and Frederick H. Wagner[1]
Department of Wildlife Management, University of Wisconsin

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[1]Wagner is currently employed by the Wisconsin Conservation Department

March 1953

INTRODUCTION

This report is an attempt to list all the technical game bulletins published by state game and conservation departments from 1938 to 1951 inclusive. Many appearing in 1952 have also been included. Reports that were out-of-print as of June 1, 1952, are noted by an asterisk. The period thus covers the first 14 years of the (Pittman-Robertson) Federal Aid to Wildlife Restoration Act.

Our compilation excludes materials published prior to 1938 unless they are part of a numbered research serial that appeared later. Also generally excluded were materials known to have a deliberately limited circulation, reports requiring special consent for quotation, special reprintings of articles appearing in the standard journals, fishery reports, and extension-type articles. A few of the last two were included when they formed part of a numbered game series. Extension-type bulletins were also listed if they appeared to contain original data not otherwise accessible. Intradepartmental memoranda cannot always be recognized as such; some may have unwittingly been included in this bibliography. Because our list excludes all reports which have circulated in the standard scientific periodicals, this bibliography should not be construed as a measure of the intellectual output of a given game department.

In this bibliography a slanting line (/) is used in the titles of bulletins where punctuation was omitted in the copy we examined. Dates and the names of authors omitted in the original publication are placed in brackets. Two appendices list the names of state periodicals that we did not include in this check list. At the end of each citation, reference is made to the number and page of the first 71 issues of Wildlife Review where the paper is known to be abstracted or mentioned.

We wish to thank Ruth L. Hine for a preliminary compilation of these materials, and S. E. Aldous, D. L. Allen, F. S. Barkalow, Jr., Philip Barske, W. B. Barnes, J. S. Bishop, F. B. Chapman, T. S. Critcher, D. M. Gaufin, J. B. Hale, W. A. Hunter, D. H. Jenkins, F. C. Kleinschnitz, W. H. Marshall, H. S. Mosby, Vincent Schultz, H. R. Siegler, E. B. Speaker and W. N. Wandell for particular aid in completing the present listing. We also warmly acknowledge the help of colleagues in the state game departments, each of which was asked to verify the listings in this bibliography. Without their aid, this report would lack both accuracy and authority.

TECHNICAL GAME BULLETINS PUBLISHED BY EACH STATE

ALABAMA DEPARTMENT OF CONSERVATION (7 North Bainbridge st., Montgomery 4, Ala.)

Joint publications with the Alabama Cooperative Wildlife Research Unit

*1939. Frank Selman Arant. The status of game birds and mammals in Alabama. 38p. WR 24:37

*1940. Anderson M. Gray. Winter foods of the bobwhite quail in the black belt soil province of Alabama. 23p. WR 20:3

*1941. George C. Moore and Allen M. Pearson. The mourning dove in Alabama. 37p. + 2 pl. WR 32:35

Game, Fish and Seafoods Division, Pittman-Robertson Projects

**1948. Robert J. Wheeler, Jr. The wild turkey in Alabama. x + 92p. WR 56:24

**1949. Frederick S. Barkalow, Jr. A game inventory of Alabama. x + 140p. WR 60:14

**1949. George C. Moore and Ernest C. Martin. Status of beaver in Alabama. iv + 30p. WR 57:11

ARIZONA GAME AND FISH COMMISSION: Wildlife Restoration Division (105 Arizona State Bldg., Phoenix, Arizona)

Unnumbered. We have regarded Lynn Griner's 1941 mimeographed quail management plan for Cochise County as an intradepartmental memorandum. The following were printed or processed in a 9 x 6-inch format.

*1943. Lee W. Arnold. A study of the factors influencing the management of and a suggested management plan for the western white-winged dove in Arizona. 103p. WR 40:32

*1944. Theodore Knipe. The status of the antelope herds of northern Arizona. 40p. WR 41:37

1951. Thomas L. Kimball and Allan G. Watkins. The Kaibab North cooperative deer-livestock forage relationship study. vi + 77p. + 16p. of maps, photos and legends. [Digest of material gathered under Project 27-R by J. T. Wright and V. B. Bostick. For a fuller account, see Wright's Job Completion Report below.] WR 71:31

Job Completion Reports. These were processed in an 11 x 8-inch format and are sometimes called Project Job Completion Reports. Wright's (see below) is consecutively paged and represents a final project report more nearly conforming to the content of the unnumbered papers listed above. The others in this series are more in the nature of periodic progress reports covering one or more specific jobs and are separately paged by job reports. All are without bibliographies. We did not check their individual distribution. In order to clarify the collation of these publications, we have classified them according to their Federal Aid numbers (data which can be found in their respective Tables of Contents).

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* - Out of print

**- Distribution currently limited to libraries and to wildlife management and research personnel

ARIZONA--Continued

27-R. J. T. Wright: The cooperative Kaibab North livestock-deer forage relationship study. iv + 222p. + 1 map. [June, 1952. P.205-222 contain a job completion report by O. N. Arrington on the final segment of this study.]

40-R and 53-R. Louie L. Lawson, John M. Hall, Theodore Knipe, [P. M. Cosper,] Denis J. Illige, [O. N. Arrington,] and Jack W. Ferguson. Arizona game surveys / 1951. iv + 178p. variously numbered + 28 unnumbered p. of maps and tables. [The 14 separately paged reports were issued for the period July 1, 1950-June 30, 1951; each has been individually abstracted by author in Wildlife Review. All were finally bound within a single cover and distributed thus in 1952 together with a 37-page Appendix.] WR 69:9-42

*46-R. Charles O. Wallmo. Fort Huachuca Wildlife Area surveys 1950-1951. vi + 100 variously numbered p. + 20p. of tables and figures. [November, 1951. Legend on title page differs slightly: Fort Huachuca Wildlife Area investigations ... July 1, 1949 to June 30, 1951.] WR 66:12

*49-R. Robert H. Reeves. Arizona Merriam's turkey management surveys / 1950-51. ii + 92 variously numbered p. + 15p. of figures and accompanying legends. WR 69:41

55-R. John Phillip Russo. Arizona desert bighorn sheep management surveys / 1951 project. iv + 20 variously numbered p. + 1 fig. [1952] WR 69:27

60-R. Richard A. Wagner. Arizona survey of the wildlife and fisheries resources of the Lower Colorado River. iv + 45 variously numbered p. + 11p. of graphs and maps. [1952.] WR 69:10

ARKANSAS GAME AND FISH COMMISSION (Little Rock, Ark.)

Bulletins

Carl Hunter, Donald E. Rush, and Lester Wade. Quail food and cover plantings in Arkansas. 11p. 1950. WR 64:31

Federal Aid Publications

Projects 17-D and 20-R. David Donaldson, Carl Hunter, and T. H. Holder. Arkansas' deer herd. 72p. 1951. WR 67:22

CALIFORNIA DEPARTMENT OF FISH AND GAME, BUREAU OF GAME CONSERVATION (State Office Building No. 1, Sacramento 14, Calif.) [Formerly Department of Natural Resources, Division of Fish and Game.]

Game Bulletins

*No. 1. [Papers by F. C. Clarke, H. C. Bryant, and A. D. Ferguson.] 67p. 1913.

*No. 2. Donald D. McLean. The quail of California. 47p. 1930.

No. 3. Donald T. Tappe. The status of beavers in California. 59p. 1942. WR 37:35

No. 4. A. Starker Leopold, Thane Riney, Randal McCain and Lloyd Tevis, Jr. The Jawbone deer herd. 139p. 1951. WR 66:14

No. 5. Earl R. Biehn. Crop damage by wildlife in California. 71p. 1951. WR 69:6

No. 6. William M. Longhurst, A. Starker Leopold and Raymond F. Dasmann. A survey of California deer herds / Their ranges and management problems. 136p. 1952. WR 69:28

* - Out of print

COLORADO GAME AND FISH DEPARTMENT (1530 Sherman St., Denver 3, Colo.)

Unnumbered Publications, Federal Aid Projects. Variously titled on outside cover, title page, and page 1; authorship not always clear. All are out of print. These are multigraphed unless otherwise noted.

Beaver Survey, Colorado

*Vol. 1. Wm. M. Nemanic, H. S. Wallace, Lucas A. [= M.] Dargan, and James M. Coutts. Survey of 1936 / Book Cliffs / San Isabel National Forest. ii + 33p. July 1, 1939.

*Vol. 2. Wm. M. Nemanic, James M. Coutts, and Lucas M. Dargan. Survey of 1939 / Book Cliffs / San Isabel National Forest. ii + 55 (mostly unnumbered) p. January 1, 1940.

*Vol. 3. Wm. M. Nemanic. Survey of 1940 / Book Cliffs / White River / Lower Colorado. ii + 50p. January, 1941.

*Vol. 4. Wm. M. Nemanic, Wendell Bever, Nathan Lipmann, Donald Lauridson, and Joe Nemanic. Survey of 1941 / White River Watershed. 241p. January, 1942. (Citation furnished by F. C. Kleinschnitz in litt.)

Fur Resources Survey, Colorado

*Vol. 1. William M. Nemanic. Survey of 1940 statewide; raw fur crop. i + 7 multigraphed p. + 7 mimeographed maps. December, 1940.

*Vol. 2. William M. Nemanic. Survey of 1941 state wide; raw fur crop. iv + 6 p. + 45 unnumbered p. of tables and graphs. January, 1942.

Deer-Elk Survey, Colorado

*Vol. 1. Herbert S. Wallace, James M. Coutts, Lucas M. Dargan, Harland Means, and Wm. M. Nemanic. Survey of 1938-1939. ii + 103p. + 3 plates, 1 map, 1 graph. July, 1939.

*Vol. 2. James M. Coutts, Herbert S. Wallace, Lucas M. Dargan, Harland Means and Wm. M. Nemanic. Survey of 1939 / Big game checking stations. iv + 47p. + 7 graphs and 2 maps. [1940.]

*Vol. 3. James M. Coutts, Herbert S. Wallace, Lucas M. Dargan, Harland Means, Wm. M. Nemanic, and Robert J. Keller. Survey of 1939-1940 / State wide. ii + 79p. [1940.]

*Vol. 4. James M. Coutts, Herbert S. Wallace, Lucas M. Dargan, Harland Means, William M. Nemanic, and Robert J. Keller. Survey of autumn, 1940 / Big game checking stations. viii + 37p. + 10 plates + 5p. December, 1940.

*Vol. 5. James M. Coutts and Harland Means. Survey summary, foods and range survey methods / 1938 - 1941 / State-wide. 51p. + 24 pages of tables + 3 plates. 1941. [In 2 parts. Part 1 - Deer food requirements in Colorado, by James M. Coutts; p. 1-28 + 17 tables + 2 plates. Part II - Forage weight per acre method for appraisal of herbivorous animal requirements with particular reference to big game ranges and the correlation of game use with domestic livestock use of range; by Harland Means. p.29-51 + 2 p. + 7 tables + 1 figure.]

*Vol. 6. James M. Coutts, Robert J. Keller, William M. Nemanic, Harland Means, Ralph A. Schmidt, and Lorin G. Kautz. Survey of 1941 / Census. iv + 9p. + 24 tables. [1942.]

* - Out of print

COLORADO-- Continued

Supplementary report. Arthur H. Carhart. The Piceance - White River deer herd. A resume of the record on this important deer herd, 1939 to 1943. 20 mimeographed p. + 4 plates. August, 1943.

Antelope Survey, Colorado [or Preliminary Antelope Survey, Colorado]

*Vol. 1. Herbert S. Wallace. State-wide reconnaissance, July-August, 1939. ii + 33p. + 2 maps. January 1, 1940.

*Vol. 2. Lorin G. Kautz. Survey of 1941-42 / Life history, census, habitat. x + 36p. + 1 unpaged graph, 3 tables and 4 maps. August, 1942.

Sage Grouse [Survey or] Investigations, Colorado

*Vol. 1. Lucas M. Dargan and George Permut. Reconnaissance, 1939 / North Park, Colo. ii + 32p. January 1, 1940.

*Vol. 2. Lucas Dargan and Robert Keller. Survey of 1940 / North Park, Jackson County, Colorado. iv + 28p. + 3 unpaged tables. December, 1940.

*Vol. 3. Robert J. Keller, Harold R. Shepherd and Robert N. Randall. Survey of 1941 / North Park, Jackson County, Moffat County, including comparative data of previous seasons. vi + 31p. of text, 17p. of tables, 3 graphs and 5 plates. December, 1941.

*Vol. 4. Lucas M. Dargan, Robert J. Keller, Harold R. Shepherd and Robert N. Randall. Survey of 1941-42 / Food studies, parasite relations, habitat requirements. Including preliminary data on sharp-tail grouse in Moffat and Routt counties. vi + 20p. of text, 18p. of tables. May, 1942.

*Special Memorandum. Arthur H. Carhart. Disease studies in Moffat County, summer of 1943. 12p. September 11, 1943. [An intradepartmental publication?]

Big Game Kill [The first was unnumbered when issued.]

*[Vol. 1.] Gilbert N. Hunter. Big game kill 1944. ii + 15p. + 4 unpaged graphs and 3 maps. [1945.] WR 43:39

*Vol. 2. Gilbert N. Hunter. Big game kill 1945. vi + 24p. + 8 unpaged maps and 2 plates of graphs. [1946.]

Wild Turkey Program, Colorado

*Vol. 1. Ralph A. Schmidt, C. Ferdinand [= Ferd C.] Kleinschnitz, George W. Grover, and Martin L. Burget. Summary, August 1943 / Study and transplanting since May, 1941. ii + 35p. mimeographed. August, 1943.

*Vol. 2. Martin L. Burget. Wild turkey development 1943 - 1946. ii + 21p. 1947. [Quotation from this publication is restricted.]

Current Reports. According to F. C. Kleinschnitz (in litt.), this series follows the 22 unnumbered ones listed above, the Supplementary Report and the Special Memorandum not being counted.

No. 23. Gilbert N. Hunter. Colorado big game kill report, 1946-1947. x + 80p. 1948.

No. 24. Gilbert N. Hunter. The personal interview method of obtaining information on game and fish resources. vi + 56p. 1949. WR 60:15

* - Out of print

COLORADO--Continued

No. 25. Lee E. Yeager, Richard N. Denney and Harold C. Hammit. 1949. Survey of the Colorado Fur Resource / Final Report. Fed. Aid Proj. 47-R. xii + 67p. September, 1949. WR 62:21

No. 26. [This number was assigned to "Colorado big game kill report, 1948-49" which has never been published.]

No. 27. Clyde P. Matteson. An evaluation report of airplane use in North American game and fish management. 41p. August, 1950. WR 66:7

Other Publications Without Serial Designation

*[1942. A. H. Carhart and Robert N. Randall.] Sharp-tailed grouse studies, Colorado / Craig Area Fall and Winter 1941-1942. 10p., 5 tables. [Citation furnished by A. H. Carhart and F. C. Kleinschnitz, in litt.]

1947. Gilbert N. Hunter. Physical characteristics of Colorado mule deer in relation to their age class. 38p. WR 53:13

1948. Gilbert N. Hunter. History of white-tailed deer of Colorado. 10p. multigraphed. WR 56:10

1952. Gilbert N. Hunter. Resume & summary / 1951 deer, elk & bear season. 12p. + 4p. of tables. WR 69:24

CONNECTICUT STATE BOARD OF FISHERIES AND GAME (State Office Bldg., Hartford 1, Conn.)

Game Management Circulars. Nos. 1-5 of this mimeographed series were issued prior to 1937 when the circulars appear to have been discontinued. Although at least two numbers were lated re-issued, we consider them to be outside the period covered by this Check List.

Pittman-Robertson Bulletins

No. 1. James S. Bishop. Pheasant mortality and nesting success / Canton Center Study Area / January, 1941 through June, 1942. 46p. 1944. WR 43:47

No. 2. James S. Bishop. Seed-stock refuge investigation / eastern half of Town of Wallingford October 1941 through December 1945. 34p. 1949. WR 58:39

No. 3. William J. Sondrini. Estimating game from licensee reports. 50p. 1950. WR 62:10

Unnumbered. Connecticut has issued a varied and usually unnumbered series of mimeographed reports, commonly for distribution to its sportsmen or in answers to recurring requests about some of its activities. Although these are technical enough in content, P-R Coordinator James S. Bishop (in litt.) doubts that they should be classed as scientific publications.

DELAWARE BOARD OF GAME AND FISH COMMISSIONERS (Dover, Delaware)

Bulletins. Nos. 1, 2, and 3 were issued for local distribution only. All are out of print, and Delaware feels they should not be listed in this bibliography.

*No. 4. Edwin M. Barry. Status of Delaware wildlife-conservation in relation to the seed stock refuge program. 36p., mimeographed. August, 1942. [In brown paper covers.]

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* - Out of print

DELAWARE--Continued

Final Reports, FR Projects

1951. Norman Wilder, Henry Cofer and Robert Beck. The marsh raccoon as a competitor of the muskrat. 6p., mimeographed. June, 1951. WR 66:17

1951. Norman Wilder, Henry Cofer and Robert Beck. Marsh raccoon control. 2p., mimeographed. June, 1951. WR 66:18

*1951. Everett B. Chamberlain. A survey of the marshes of Delaware. v + 69p., mimeographed. June, 1951. [Final report, 7-R.] WR 69:51

Unnumbered. Delaware has compiled a series of 11 papers summarizing the work done by various state and federal agencies on problems which its own technical staff must face and solve. These have been mimeographed much in the manner of seminar summaries or extension circulars. Many of the titles were noted in Wildlife Review No. 69.

FLORIDA GAME AND FRESH WATER FISH COMMISSION (Tallahassee, Fla.)

Special Reports

Louis F. Gainey. The effect of releasing pen-reared quail on a feeder area. 8p., mimeographed. November 2, 1951.

Technical Bulletins

No. 1. Coleman Newman and Edward Griffin. Deer and turkey habitats and populations of Florida. 30p. 1950. WR 64:16

GEORGIA STATE GAME AND FISH COMMISSION (412 State Capitol, Atlanta, Ga.)

None

HAWAII BOARD OF COMMISSIONERS OF AGRICULTURE AND FORESTRY (Honolulu 1, T.H.)

Special Bulletins, Fish and Game Division (The first was unnumbered as issued.)

*[No. 1.] Paul R. Needham. A fisheries survey of the streams of Kauai and Maui with special reference to rainbow trout (Salmo gairdnerii). 1949. v + 34p. + 4 pl. + 5 tables, processed. Sept. 14, 1949.

*No. 2, in 4 parts separately paged. 1--Bait and pollution studies by James P. Welsh and Yoshio Yamoguchi, 25 + 9p. November 15, 1949. 2--A preliminary study of the food and feeding habits of Hawaiian kawakawa, mahimahi, ono, aku, and ahi, by J. P. Welch, 26p. + 1 chart; December 1, 1949. 3--A trolling survey of Hawaiian waters, by James P. Welch, 29p. December 14, 1949. 4--A power hauler for flagline, by Vernon E. Brock, 5p. + 3 plates, n.d. The whole bound together with iii p. and processed, April 5, 1950.

No. 3. J. Donald Smith and John R. Woodworth. A study of the pheasant, California quail, and lace necked dove in Hawaii/ A progress report of Project 5-R-1. Vol. 1, no. 1 (14 p.), no. 2 (12p.), no. 3 (19p.), no. 4 (13p.). The whole processed and bound together with two work plans. 1950.

Unnumbered

1949. Charles W. Schwartz and Elizabeth Reeder Schwartz. A reconnaissance of the game birds in Hawaii. vi + 168p. WR 57:22

[1950.] J. Donald Smith. The pheasant situation in Hawaii, 1950. 13p. WR 69:39

* - Out of print

IDAHO FISH AND GAME COMMISSION (Boise, Idaho)

1951. Anon. Upland game birds of Idaho / including distribution maps showing present ranges of the species. 31p.

ILLINOIS DEPARTMENT OF CONSERVATION (Springfield, Illinois). We have been unsuccessful in corresponding with this department. The following may or may not be complete or out of print.

FA Publications. Nos. 1 and 2 appear to be reprintings of 2 papers published in The Journal of Wildlife Management. The Journal's articles were noted in Wildlife Review No. 34, p. 43 and 55.

Unnumbered

1950. Jenkins, Merchant and Nankivil [consulting engineers] and W. B. Walraven. Survey and report on potential conservation areas along the Illinois River from Hennepin to Grafton, State of Illinois, 1950. 80p. + 5 charts and maps. May, 1950. WR 66:6

INDIANA DEPARTMENT OF CONSERVATION, DIVISION OF FISH AND GAME (Indianapolis 9, Ind.)

Pittman-Robertson Bulletins

1952. John M. Allen. Gray and fox squirrel management in Indiana / A research and management study. 112p. March, 1952. WR 69:20

IOWA STATE CONSERVATION COMMISSION (East 7th and Court avenue, Des Moines 9, Iowa). In addition to the titles listed below, some 108 papers have been published by staff members of this organization since 1937 (E. B. Speaker, in litt.).

1946. Bruce F. Stiles, Everett B. Speaker, Reeve M. Bailey and George O. Hendrickson. Wildlife resources of Iowa. 41p. [Joint publication with Iowa State College and other agencies.] WR 47:44

KANSAS FORESTRY, FISH AND GAME COMMISSION (Pratt, Kansas)

Bulletins. We examined only numbers 7, 8, and 9. These were excellent extension-type pamphlets on the identification of Kansas fish, the use of multiflora rose, and the construction of farm ponds.

KENTUCKY DEPARTMENT OF CONSERVATION, DIVISION OF GAME AND FISH (Frankfort, Ky.)

Leaflets

*No. 1. James S. Durell. Farm game habitat restoration in Kentucky. 11p. April, 1950. [Original not seen; revised and re-issued as Leaflet No. 3 in this series.] WR 61:46

No. 2. Dan M. Russell. Mourning dove disease in Kentucky. 12p. July, 1951. WR 66:29

No. 3. James S. Durell. Farm game habitat restoration in Kentucky. 32 p. July, 1952. WR 70:11

Unnumbered. The department's distribution policy involves placing one copy of each Pittman-Robertson report in the office of each state's game or conservation department. Sufficient copies of these reports are not available for general distribution. Kentucky will be glad to loan copies for review and study.

1950. Larry R. Gale. Effects of quail refuges in Kentucky. vii + 20p., mimeographed. May 1, 1950. [A preliminary report.]

* - Out of print

KENTUCKY--Continued

1950. Frederick C. Hardy. Ruffed grouse studies in eastern Kentucky. 26p. multilithed. November 1, 1950. [Preliminary report for period April 1, 1949 to June 30, 1950.] WR 67:32

1950. John Morse. Kentucky Lake waterfowl investigation. iv + 56p., 1 map, multilithed. November 1, 1950. [A final report; title on cover: Kentucky Lake waterfowl studies.] WR 65:24

*1951. Robert A. Pierce. Survival of pen reared quail. vi + 165p. + 6 plates. June 1, 1951. [Final Report on 6-R; a more concise publication on this project is being planned vide W. L. Skaggs.] WR 66:25

1951. John L. DeLime. Livetrapping and restocking. vi + 39p. + 5 plates. July 1, 1951. WR 71:7

1951. James O. Moynahan. State-wide development of big game refuges. iv + 30p. + 5 plates. July 1, 1951.

1952. Don H. Strode. Western Kentucky waterfowl management, 14p., mimeographed. January 1, 1952. [A three-year report project W-22-D; original not examined.]

1952. James S. Durell. Farm game habitat restoration. iv + 45p. + 3 pl., multilithed. February 15, 1952. [Three-year report on project W-23-D.] WR 69:11

1952. Franklin H. Dibble. Big game refuge establishment, 13 p. + 1 map mimeographed. March 1, 1952. [Final report on W-16-D; original not examined.]

1952. Bromfield L. Ridley. Effects of unmanaged refuges as a quail restoration technique and importance of foxes as a limiting factor of quail. 38p. + 11 maps. April 30, 1952. [Original not seen; a final report on project W-19-R; cover title: Unmanaged refuges as a quail restoration technique.] WR 70:35

1952. William L. Skaggs. Western Kentucky waterfowl management investigations, 21p., mimeographed. May 9, 1952. [Final report project W-21-R.]

LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES, Federal Aid Section -- Fish and Game Division (Requests for bulletins should be sent to Box 9055 University Station [Attn. Dr. L. S. St.Amant], Baton Rouge, La.)

1949. Ted O'Neill. The muskrat in the Louisiana coastal marshes / A study of the ecological, geological, biological, tidal, and climatic factors governing the production and management of the muskrat industry in Louisiana. xii + 152p. [$3.00 a copy.] WR 61:20

[1950.] F. D. Hollis. The present status of the wild turkey in Louisiana. viii + 78p. WR 62:43

MAINE DEPARTMENT OF INLAND FISHERIES AND GAME, Division of Research (State House, Augusta, Maine)

Game Division Bulletins

No. 1. Nathan W. Fellows, Jr. Results of a waterfowl food planting survival study in Maine. 23p. August 2, 1951. WR 67:40

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* - Out of print

MAINE--Continued

Unnumbered. As elsewhere in this check list, we excluded here materials which were also processed as part of the Proceedings of a regional conference.

1940. Jay S. Gashwiler and Joel W. Marsh. Duck survey report No. 1, 26p.

*1942. Joye Harold Severaid. The snowshoe hare / Its life history and artificial propagation. 95p. WR 35:48

1948. Jay S. Gashwiler. Maine muskrat investigations. 38p. WR 57:12

MARYLAND GAME AND INLAND FISH COMMISSION (516 Munsey Bldg., Baltimore 2, Md.)

*1944. Kenneth A. Wilson and Ernest A. Vaughn. The bobwhite quail in eastern Maryland. 138p. WR 41:39

MASSACHUSETTS DEPARTMENT OF CONSERVATION, Division of Wildlife Research and Management (Phillips Wildlife Laboratory, Upton, Mass.)

Research Bulletins

*No. 1. Charles L. McLaughlin. Food habits of the ring-necked pheasant in the Connecticut River Valley, Massachusetts. v + 51p., mimeographed. August, 1942. WR 35:37

No. 2. Willet N. Wandell. 1943 progress report on the pheasant banding study. iv + 22p., mimeographed. February, 1944.

*No. 3. Willet N. Wandell. An appraisal of pheasant stocking in Massachusetts. ii + 33 p., mimeographed. April, 1945.

No. 4. Willet N. Wandell. Results of the 1943 and 1944 pheasant banding studies. iv + 22p., mimeographed. April, 1945.

*No. 5. Willet N. Wandell, Charles L. McLaughlin, Carl F. Nelson, and James J. McDonough. Progress report of the ring-necked pheasant investigation in the Connecticut River Valley, Massachusetts. 118p., mimeographed. May, 1942 [1945].

No. 6. C. E. Addy. A preliminary report on the food habits of the black duck in Massachusetts. iii + 14p., mimeographed. May, 1945.

*No. 7. C. E. Addy. Massachusetts waterfowl survey. v + 21p., mimeographed. + 4 processed maps and 2 unnumbered p. August, 1945.

*No. 8. George F. Pushee, Jr. 1945 progress report on the pheasant banding study. v + 8p., mimeographed. August, 1946.

No. 9. George F. Pushee, Jr. Summary report / Pheasant banding studies 1943 to 1948. iv + 22p., mimeographed. June, 1948. WR 57:25

*No. 10. Gordon T. Nightingale. Massachusetts waterfowl hunting survey -- 1948 season. ii + 81 partly unnumbered p., mimeographed. June, 1949. [Our copy does not bear the designation: No. 10.]

*No. 11. Samuel P. Shaw. The beaver in Massachusetts / A research and management study. 45p. September 15, 1948. WR 57:11

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* - Out of print

MASSACHUSETTS--Continued

No. 12. E. M. Pollack and William G. Sheldon. The bobcat in Massachusetts. 24p. 1951. WR 69:24

No. 13. Samuel P. Shaw and P. LeRoy Wilson, Jr. The management of white-tailed deer in Massachusetts. vi + 59p. 1951. WR 67:23

Unnumbered. [The following seems to have had a restricted distribution and possibly is outside the scope of this bibliography.]

*Willet N. Wendell, George F. Pushee, Jr., Horatio W. Murdy, Gordon T. Nightingale, and Charles F. Styles. Report of the state-wide pheasant cover survey. Mimeographed in 12 separately paged sections (1 for each county) and issued in 2 volumes; xxxix + 714p. + 319 unpaged maps. [1947]

MICHIGAN DEPARTMENT OF CONSERVATION (Lansing 13, Mich.) The Game Division has issued some 1500 publications. The majority of these appear to be intra-departmental memoranda, but a number of these have attained wider circulation. A classified list of 137 available publications was prepared by the Division in July, 1952.

Annual Reports, Rose Lake Wildlife Experiment Station (compiled principally by D. L. Allen and J. P. Linduska)

*Annual report for the fiscal year 1939-40. 50p., mimeographed, + 5 maps. [1940.]

Second Annual Report 1940-41. 365p., mimeographed, July 1, 1941.

Third Annual Report 1941-42 / Including results of investigations under Federal Aid in Wildlife Restoration Project Michigan 2-R. 222p., lithoprinted. July 1. 1942.

Fourth Annual Report 1942 / Including results of investigations under Federal Aid in Wildlife Restoration Project Michigan 2-R. 139 p. + 10 maps, lithoprinted. July 1, 1943.

Fifth Annual Report 1943 ... p. 1-118. Sixth Annual Report 1944, separately paged p. 1-97. Seventh Annual Report 1945 / [Each] Including results of investigations under Federal Aid in Wildlife Restoration Project Michigan 2-R. Separately paged p.1-103. All three reports lithoprinted and bound together, 1947.

Circulars. These appear to be educational in nature. We examined only No. 3 (issued May, 1941, and revised February, 1949).

Information Circulars. For the information of departmental personnel and/or the public in general. No. 1 was issued in 4 parts (a-d). The series ran to No. 73 in June, 1952. Some issues are labelled "For Conservation Department Employees." The circulars average 4-5 p. in length.

Game Division Bulletins. We have seen only one (by P. F. English) that was published in 1934 and none within the time period of our Check List.

Game Division Publications. The only one noticed by us is distributed by the Education Division of the Conservation Department.

No. 100. Durward L. Allen. Michigan fox squirrel management. 404p. October, 1943 [1944.] WR 43:50

* - Out of print

MICHIGAN--Continued

GA. These single-paged publications are restricted to illustrations, graphs or tabulations and are usually prepared anonymously. Some (GA-148, GA-164, GA-170) have been used in other bulletins, like Information Circular No. 63 and Report No. 1073. The other materials seem to be printed essentially for intradepartmental use.

Reports. Early issues varied somewhat in form. According to D. H. Jenkins, who helped us considerably in this connection, Nos. 288-1150 were issued from 1937 to the early part of 1952. The content of these has usually covered investigational work carried out, or information gathered, during a definite and somewhat brief period. The material is more preliminary than that found in Information Circulars, of about the same number of pages, and more for intradepartmental circulation.

Unnumbered. Pamphlets, books, and monographs set up by linotype are listed below.

*1935. Miles D. Pirnie. Michigan waterfowl management, 328p. WR 2:16

*1938. I. H. Bartlett. Whitetails / Presenting Michigan's deer problem. 64p. [See also Michigan Conservation, v. 8, nos. 2-7 (1938).] WR 20:20

*1940. Paul Hickie. Cottontails in Michigan. 112p. WR 28:31

*[1943.] Paul F. Hickie. Michigan moose. 57p. WR 41:49

*1945. Donald W. Douglas and G. W. Bradt. The red fox / Friend or foe? 23p. WR 43:38

1947. G. W. Bradt. Michigan beaver management. 56p. WR 54:10

1950. I. H. Bartlett. Michigan deer. 50p. WR 62:15

1950. J. P. Linduska. Ecology and land-use relationships of small mammals on a Michigan farm. x + 144p. WR 62:26

1951. Thomas C. Nelson. A reproduction study of northern white cedar / Including results of investigations under Federal Aid in Wildlife Restoration Project Michigan 49-R. 100p. WR 65:37

1952. Charles Shick. A study of pheasants on the 9,000 acre Prairie Farm, Saginaw County, Michigan. 134p. June, 1952. WR 70:37

Unnumbered. A few processed materials which did not lend themselves to the above categories have also been issued. G. A. Ammann's important 45-p. paper on "Chicken" management in the Lower Peninsula of Michigan' mimeographed in 1946 fell outside the limitations set up for our check list (see Introduction). We have also omitted simple tabulations of hunting and trapping data published by the Game Division. The following may perhaps be regarded as intradepartmental memoranda.

1948. Jack F. Welch. Summary of deer control studies. 8p.

1948. I. H. Bartlett and L. A. Davenport. Wisconsin deer / Herd-range-regulations. 5p.

1949. I. H. Bartlett. Relation of game populations to food supplies. 6p.

1950. I. H. Bartlett. Deer-proof fences. 3p.

* - Out of print

MINNESOTA DEPARTMENT OF CONSERVATION (St. Paul 1, Minn.)

Technical Bulletins

*No. 1. Lloyd L. Smith, Jr. and John B. Moyle. A biological survey and fishery management plan for the streams of the Lake Superior North Shore watershed. 228p. 1944.

*No. 2. Gustav Swanson, Thaddeus Surbur and Thomas S. Roberts. The mammals of Minnesota. 108p. 1945. WR 44:32

*No. 3. John B. Moyle and Neil Hotchkiss. The aquatic and marsh vegetation of Minnesota and its value to waterfowl. vi + 122p. 1945. WR 44:30

MISSISSIPPI GAME AND FISH COMMISSION (2550 N. State street, Jackson 44, Miss.)

Survey Bulletins. Mimeographed and bound in stiff paper covers; title page carries correct name of paper and date of distribution, the date of binding on the cover of some copies being as much as 2 years later (F. A. Cook in litt.).

*1941. W. H. Turcotte. The beaver in Mississippi. 41p. September, 1941.

*1942. Fannye A. Cook. Alligators and lizards in Mississippi. v + 20p. November, 1942.

*1943. Fannye A. Cook. Snakes in Mississippi. iii + 73p. March, 1943.

*1943. Fannye A. Cook. Game animals of Mississippi. 42p. June, 1943. WR 39:46

*1945. Fannye A. Cook. Fur resources of Mississippi. iii + 100p. September, 1945. WR 45:32

*1945. Fannye A. Cook. Game birds of Mississippi. iii + 103p. [An excerpt of this, entitled Wild turkey and quail in Mississippi, pp. 63-103, has been issued in the same format and was still being distributed in April, 1952.] WR 45:33

Unnumbered

1945. R. M. Freeman. Muskrats in Mississippi. 48p.

MISSOURI CONSERVATION COMMISSION (Monroe Building, Jefferson City, Mo.)

Technical Bulletins

No. 1. Paul D. Dalke, A. Starker Leopold and David L. Spencer. The ecology and management of the wild turkey in Missouri. 86p. 1946. WR 51:24

No. 2. Rudolf Bennitt. Some aspects of Missouri quail and quail hunting. 51p. + 2 fig. 1951. WR 64:31

Unnumbered, processed publications of Pittman-Robertson Program or Division of Fish and Game. One by Brohn and Korschgen appeared also in Trans. N. A. Wildlife Conf. and is omitted here.

1951. Donald M. Christisen. History and status of the ring-necked pheasant in Missouri. viii + 66p. May, 1951. WR 65:27

1951. Edgar B. Biffle. Development and application of a wildlife cover restoration project. iv + 14 + 9 unnumbered p. August, 1951. WR 65:38

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* - Out of print

MISSOURI--Continued

1951. Lee R. Crail. Viability of smartweed and millet seed in relation to marsh management in Missouri. 16p. September, 1951. WR 66:34

1951. Charles E. Shanks and George C. Arthur. Movements and population dynamics of farm pond and stream muskrats in Missouri. iii + 12p. December, 1951. WR 67:17

1952. Guy A. Greenwell. Farm ponds — their utilization by wildlife. 23p. February, 1952. WR 68:9

1952. Leroy J. Korschgen. Analysis of the food habits of the bobwhite quail in Missouri. 58p. March, 1952. WR 68:29

1952. Leroy J. Korschgen. A general summary of the foods of Missouri's predatory and game animals. iv + 61p. July, 1952. WR 70:4

1952. Jack A. Stanford. Evaluation of the "adoption" method of bobwhite quail propagation in Missouri. iv + 25p. + 9p. appendix. August, 1952. WR 71:37

Other Publications. Some extension-type publications of the Commission also contain original data not published elsewhere. Some are not available for free distribution outside of the state.

[1949.] W. O. Nagel (editor). Wildlife and the soil. 44p. WR 70:6

[1951.] Dunbar Robb. Missouri's deer herd. 33 unnumbered p. WR 65:11

1952. Jack A. Stanford. Whirring wings / The bobwhite quail in Missouri. 96p. WR 70:36

MONTANA STATE FISH AND GAME COMMISSION, Wildlife Restoration Division (Helena, Mont.)

Bulletins [The first was unnumbered as issued vide W. K. Thompson.]

*[No. 1.] Robert W. Hiatt (and William R. Bergeson). The relation of pheasants to agriculture in the Yellowstone and Big Horn valleys of Montana. 72p. 1946. [Reprinted in 1947.] WR 48:22

*No. 2. Faye M. Couey. Rocky Mountain bighorn sheep of Montana. x + 80p. Kenneth Thompson. Historical range and notes upon Audubon mountain sheep. p.80-90. 1950. WR 61:17

*No. 3. Charles K. Phenicie. Progress report of the Fort Peck Reservoir fishery survey. vi + 19p. 1950.

No. 4. Charles K. Phenicie and Clinton G. Bishop. Why creel census? iv + 16p. + 12p. of tables. 1950.

*No. 5. Robert L. Casebeer, Merle J. Rognrud and Stewart Brandborg. The Rocky Mountain goat in Montana. v + 107p. 1950. WR 62:20

Unnumbered [Titles vary from cover to title page.]

[1949.] W. K. Thompson. General wildlife restocking ... final report. 14p. + 5 plates. [Project 5-D-7.]

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* - Out of print

MONTANA--Continued

1949. Fred L. Hartkorn, et al. Upland game and waterfowl project reports. iv + 74p. [A quarterly progress report on Montana's P-R projects 1-R-8 and 21-R-1 for the period April-June, 1949, containing the following:

Fred L. Hartkorn. A study of the Chinese pheasant feeding stations in Flathead County, p.11-16.
--- . Potentialities for pheasant habitat improvement in Lake County, p.17-26.
--- . Western Montana pheasant census by crowing count. p.27-31.
Robert J. Greene. Rural mail carriers survey. p.32-38.
Fred L. Hartkorn. Progress report of magpie investigation / nesting phase. p.39-53.
Wynn Freeman. State of Montana flyway report summary. p.54-73.]

1950. Lloyd McDowell. Bitterroot-Clark Fork Units big game survey and investigation / Winter 1948-49. iv + 40p. January 15, 1950. [A progress report on part of Montana's P-R project 1-R for the period November, 1948 to April, 1949. Cover carries title: Big game survey and investigation / Clark Fork and Bitterroot Management Units / Winter 1948-49.]

1950. Robert Casebeer and Merle Rognrud. A browse utilization study of big game winter ranges within the Flathead Forest of the Continental Management Unit. iv + 29p. January 15, 1950. [A progress report on part of Montana's P-R project 1-R for the period October 25, 1948 to June 1, 1949. Cover carries title: Browse utilization study / Winter 1948-49 / Western Montana.]

*1950. Faye M. Couey, Don Brown, L. E. Brown, K. E. Riersgard. Big game transplanting evaluation / Eastern Montana 1950. 94p. July-September, 1950. WR 66:11

*[1951.] Merle Rognrud. A study of big game in the continental and adjacent units. xv + 188p. 1949 on cover; May 22, 1950, on page v [distributed 1951, vide Rognrud in litt.]. WR 66:12

NEBRASKA GAME, FORESTATION AND PARKS COMMISSION (Lincoln 9, Nebraska)

Unnumbered

1948. Edson Fichter and George Hytrek. Nebraska trappers' guide / A handbook on the taking of muskrat, mink, beaver, and coyote and the handling of pelts. iv + 44p. WR 57:10

Wildlife Management Notes. A commission announcement describes this serial as appearing at unstated intervals, in 4-page numbers, 25 numbers in each volume. The first number is an extension-type publication, the rest are more technical in nature.

Vol. 1(1). James H. Ager. Multiflora rose. P.1-6. [July or August,1948.] WR 60:60

1(2). Levi L. Mohler. Nebraska's pheasant inventory: No. 1. P. 7-10. December, 1948. WR 60:42

1(3). Levi L. Mohler. Nebraska's pheasant inventory: No. 2. P. 11-14. December, 1948. WR 60:42

1(4). John H. Wampole and Edson Fichter. Management of native deer in Nebraska / Part I. P. 15-18. March, 1949. WR 60:21

* - Out of print

NEBRASKA--Continued

1(5). John H. Wampole and Edson Fichter. Management of native deer in Nebraska / Part II. P. 19-22. March, 1949. WR 60:21

1(6). David Damon. Winter foods of quail in Nebraska. P. 23-26. July, 1949. WR 60:40

1(7). Levi Mohler. Foods of the pheasant in Nebraska. P. 27-30. July, 1949. WR 60:42

NEVADA FISH AND GAME COMMISSION (Box 678, Reno, Nevada)

*1950. [Tony Sutich and Nils Nilsson.] 1949 big game kill report. 43 p., mimeographed. March, 1950.

NEW HAMPSHIRE FISH AND GAME DEPARTMENT (State House Annex, Concord, N. H.)

Survey Reports

*No. 1. Earl E. Hoover. Preliminary biological study of some New Hampshire lakes. 1937. [Original not examined.]

*No. 2. Earl E. Hoover. Biological survey of the Androscoggin, Saco and Coastal Watersheds. 160p., 3 maps. December, 1937.

*No. 2a. Earl E. Hoover. Manual for biological survey of lakes and streams. 1937. [Original not examined.]

*No. 3. Earl E. Hoover. Biological survey of the Merrimack Watershed. 238p., 2 maps. December, 1938.

No. 4. Herbert E. Warfel. Biological survey of the Connecticut Watershed. 256p., 3 maps. December, 1939. [$1.00 a copy.]

No. 5. Hilbert R. Siegler. The ring-necked pheasant in New Hampshire. 82p. 1949. WR 61:34

Technical Circulars. No complete list of these publications is currently available. Persons possessing Nos. 3, 4, 6 and 7 definitely labelled as such should report the titles of these to H. R. Siegler in the New Hampshire department. There is some reason to believe that these were unnumbered when issued, and we have tentatively assigned four unnumbered reports to this series.

*No. 1. [Earl E. Hoover.] The fox in New Hampshire. 9p. unnumbered, mimeographed. [First page reads: Technical Circular / Furbearers No. 1.] n.d. WR 26:25

No. 2. Earl E. Hoover and G. W. Morrill, Jr. Autecology of brook trout (Salvelinus fontinalis) in two primitive streams of northern New Hampshire. 22p. + 12p. of tables and figures, mimeographed. N.d. [Cover carries legend "Technical Circular Brook Trout No. 2."]

*[No.3?]. Ernest W. Gould. A study of the pheasant in New Hampshire during the spring and early summer. 10p., mimeographed. [1938.] WR 26:38

*[No.4?]. Ernest W. Gould. Progress report of the southern New Hampshire pheasant demonstration and research project. 10p., mimeographed. December, 1939. WR 26:17

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*- Out of print

NEW HAMPSHIRE--Continued

*No. 5. Ernest W. Gould, Norman Wilder, Philip Bareke, and Norman Higgins. Progress report of the southern New Hampshire demonstration and research project. December, 1939. 9p., mimeographed. [Original not examined; N. H. P-R project 1-R.]

*[No.6?] N. W. Hosley. Ruffed grouse range improvement in central New Hampshire. 15p., mimeographed. August, 1940.

*[No.7?] Justus F. Mueller. Parasitism and disease in New Hampshire ruffed grouse June to September 1940. 27p., mimeographed. [1940.]

*No. 8. Norman G. Wilder and Ernest W. Gould. Hunting pressure on pheasants in the East Concord Research Area / November 1940. 6p., mimeographed. [1940.]

No. 9. Arthur E. MacGregor, Robert B. Knowlton, Harold W. Pillsbury and Sumner A. Dole, Jr. Summary of grouse crop and gizzard analyses for 1940. 9p., mimeographed. 1940.

*No. 10. Maurice W. Provost. New Hampshire waterfowl reconnaissance. 75p. 1940. [Noticed in Wildlife Review.] WR 35:63

Unnumbered. New Hampshire has apparently mimeographed a number of short articles on game species. We have omitted unsigned materials in making up the following list. For four additional unnumbered articles, see Technical Circulars above.

*1940. N. W. Hosley. Pheasant cover evaluation. 8p., mimeographed. August, 1940. [Possibly distributed as an intradepartmental memorandum.]

*1945. Ralph G. Carpenter, 2nd, and Hilbert R. Siegler. A list of New Hampshire mammals and their distribution. 10 processed, unnumbered p. WR 43:55

[1949]. Hilbert R. Siegler. Food habits of waterfowl in New Hampshire. 7p. + 15p. of tables [all mimeographed] + 1 processed map.

[1949]. John B. Skerry. A survey of posted land in New Hampshire. 5p., mimeographed.

1951. Sumner A. Dole, Jr. Waterfowl management in New Hampshire. 19p., mimeographed.

*1952. Roger S. Leighton and James A. Lee. A technique to control water levels in beaver impoundments. 4p., mimeographed.

NEW JERSEY DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT, Division of Fish and Game (State House, Trenton 7, N. J.)

1938. L. G. MacNamara. Bobwhite development of the Glassboro public shooting grounds. 11p., mimeographed. April 8, 1938. WR 14:15

*1940. L. G. MacNamara. Wildlife management in New Jersey / A five year report. 107p. WR 34:49

*1944. Charles W. Wright. Final report Federal Aid in Wildlife Project 14-R/ A survey and evaluation of existing wildlife habitat in southern Camden County, New Jersey / January 15, 1943-February 29, 1944. 47p., mimeographed + 111 maps. May 31, 1944.

* - Out of print

NEW JERSEY--Continued

1950. Charles W. Wright. Progress Report on Research Project 21-R Federal Aid in Wildlife [A survey of white-tailed deer (Odocoileus virginianus subsp.) damage, damage control methods, and population characteristics in New Jersey.] 71p., mimeographed. WR 70:30

*1950. F. V. Schmidt. An evaluation of practical tidal marsh management on state and private marshes. 10p., mimeographed.

1951. F. V. Schmidt. Planned water level control and the resultant effect on vegetation. 7 mimeographed p. + 3 tables.

[1951.] F. V. Schmidt and Paul McLain. The clapper rail in New Jersey. 9p., mimeographed.

[1952.] L. G. MacNamara. Needs for additional research on mosquito control from the standpoint of fish and game management. 11p. WR 70:13

NEW MEXICO DEPARTMENT OF GAME AND FISH (Santa Fe, N. M.)

1946. J. Stokley Ligon. History and management of Merriam's wild turkey. x + 84p. WR 47:33

1946. J. Stokley Ligon. Upland game bird restoration through trapping and transplanting. x + 77p. WR 47:41

NEW YORK STATE CONSERVATION DEPARTMENT (Albany 1, N. Y.)

Books

1947. Gardiner Bump, Robert W. Darrow, Frank C. Edminster, and Walter F. Crissey. The ruffed grouse / Life history / Propagation / Management. xl + 915p. 1947. [$6.00 a copy.] WR 53:26

Bulletins (Joint Contributions of the Conservation Dept. and the N. Y. State College of Agriculture)

*No. 1. L. A. Maynard, Gardiner Bump, Robert Darrow and J. C. Woodward. Food preferences and requirements of the white-tailed deer in New York State. 35p. January, 1935. WR 1:21

No. 2. Alexis L. Romanoff, Gardiner Bump, Earl Holm. Artificial incubation of some upland game birds' eggs. 44p. January, 1938. WR 14:21

Educational Bulletins

*1944. Clayton B. Seagears. The fox in New York. 85p. WR 43:30

Final Reports, Pittman-Robertson Projects. Most of these are bound in blue-paper covers. The numbering system contains gaps which Robert W. Darrow (in litt.) explains as follows: All the New York P-R game research before the war was carried out under Project 1-R, a separate supplement being set up for the different species and topics involved. These ultimately ran from A to J. Final reports on Supplements B, E, and G were ultimately completed (see below) as well as one for I which appeared as Bull. No. 1 in the Research Series. Supplements F (food habits) and J (biometrical analyses of data) were essentially service projects carried out in connection with the studies of other project leaders, and the results were turned over to them for use. No separate reports on F and J are contemplated. Final reports are planned for the other outstanding supplements (A, C, D, and H).

* - Out of print

NEW YORK--Continued

1-R, Supplement B. Ralph H. Smith. Cottontail rabbit investigations. 84p. May, 1950.

1-R, Supplement E. E. L. Cheatum. Disease and parasite investigations. viii + 72p. July, 1952. WR 70:7

*1-R, Supplement G. Arthur H. Cook and Edward R. Maunton. Fur-bearer investigations. 57p. May, 1949.

*20-R. H. L. Kutz, C. I. Mason, and W. R. Taber. Ontario-St. Lawrence waterfowl investigation. 284p. July, 1948.

*21-R. Charles I. Mason. Organization and correlation of New York waterfowl banding records. 46p. "Ditto" process. June, 1947.

27-R. Stacey B. Robeson. Fox - pheasant relations. 20p. June, 1950.

*36-R. W. R. Taber. Lake Champlain waterfowl investigation. 160p. July, 1949.

47-R. Donald D. Foley and William R. Taber. Lower Hudson waterfowl investigation. 796p. March, 1951.

52-R Donald D. Foley and William R. Taber. Long Island waterfowl investigation. 296p. September, 1952.

Fish and Wildlife Information Bulletins (Management recommendations; multilithed; the number of persons participating in the preparation of Nos. 5-8 made it impractical to assign authorship, vide R. W. Darrow in litt.)

No. 1. Arthur H. Cook. Factors to consider in trapping regulations. 4p. 1948. WR 58:18

No. 2. John R. Greeley. Four years of landlocked salmon study. 16p. 1948.

No. 3. Greenleaf Chase and C. Wm. Severinghaus. Winter deer feeding. 16p., 1949. WR 57:8

No. 4. Walter F. Crissey. The airplane in fish and game work. 20p. 1949. WR 58:9

*No. 5. Anon. Pheasant stocking policy. 10p. 1950. WR 61:33

*No. 6. Anon. Farm water areas. 7p. 1950.

No. 7. Anon. Wildlife and good land use. 11p. 1950.

No. 8. Anon. Small marsh management for fur crops. 11p. 1950.

Management Bulletins

No. 1. Anon. Snapping turtle control and utilization. 16p. July, 1939.

*No. 2. Gardiner Bump and Arthur H. Cook. Black gold / the story of the beaver in New York State. 16 unnumbered p. 1941. (Bureau of Game.)

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* - Out of print

NEW YORK--Continued

Research Series, Division of Fish and Game

No. 1. Walter F. Crissey and Robert W. Darrow. A study of predator control on Valcour Island. 28p. 1949. WR 60:7

No. 2. Udell B. Stone, Donald G. Pasko, Robert M. Roecker. A study of smallmouth bass Lake Ontario - St. Lawrence River. 25p. 1951.

NORTH CAROLINA DEPARTMENT OF CONSERVATION AND DEVELOPMENT (Raleigh, N. C.)

Bulletins [or State Bulletins] (articles are variously titled on cover, title page, etc.; each was published by the Division of Game and Inland Fisheries which on July 1, 1947, became the independent Wildlife Resources Commission. The Department of Conservation and Development continues in existence.)

No. 1. [Lyman De Berry.] Uwharrie deer restocking / Montgomery and Stanley counties 1944-1945. State Bulletin Pittman-Robertson Series, Vol. 1, No. 1 / Federal Aid in Wildlife Restoration Project 19D. 19p. January, 1946.

No. 2. B. W. Wells. Vegetation of Holly Shelter Wildlife Management Area / Pender County June-July-August, 1945. State Bulletin Pittman-Robertson Series, No. 1 / Federal Aid in Wildlife Restoration Project No. 18R. 40p. March, 1946.

NORTH CAROLINA WILDLIFE RESOURCES COMMISSION, Game Division (Raleigh, N. C.)

Final Reports / Federal Aid in Wildlife Restoration

Project 27-D. Kenneth A. Wilson and Donald R. Noland. Development of the Northwest River Marsh, 1948-1950. v + 13p. + 4p. of maps and photos; processed. December, 1950.

Project 26-R. Yates M. Barber, Jr. An intensive dove nest-watching study. 34p., mimeographed, in stiff covers. May, 1951. [on cover: "Dove nest-watching segment."]

Unnumbered

1951. Thomas L. Quay. Mourning dove studies in North Carolina. 90p. [Federal Aid ... Projects / N. C. 2-R and 26-R.] WR 65:29

1951. Howard J. Stains and Frederick S. Barkalow, Jr. The value of North Carolina's game and fish. 33p. [Federal Aid ... Projects / N. C. 26-R.] WR 67:3

NORTH DAKOTA GAME AND FISH DEPARTMENT (Bismarck, N. D.)

*1944. Roy N. Bach. North Dakota upland game, comparative data, 1942-1944. 24p. August, 1944. [Noted in Pittman-Robertson Quart., 6(3):134.]

1949. [Brandt V. Hjelle, Roy N. Bach, William T. McKean.] The red fox in North Dakota. 31p. May, 1949.

OHIO DIVISION OF WILDLIFE [formerly Division of Conservation and Natural Resources] (Department of Natural Resources, 1500 Dublin Road, Columbus 12, Ohio)

Bulletins, Bureau of Scientific Research, Division of Conservation. These mimeographed articles were popular in context but have now been replaced by Leaflets issued by the Game Management Section (see below). An occasional Bulletin did fall within the content of this bibliography, but the majority of these noticed by us appeared prior to 1937. We did not examine a complete series.

* - Out of print

OHIO--Continued

No. 101. Hayden W. Olds. Ohio pheasant banding results 1930-1939. 14p. March, 1940. [Original not seen; noticed in Wildlife Review.] WR 27:33

No. 206. Pittman-Robertson Series No. 1. Joel R. Benjamin. State supervised hunting in 1940. 32p., mimeographed. July, 1941.

Game Management Section, Leaflets All are mimeographed; some are popular in context as the titles indicate.

No. 1. Floyd B. Chapman. Some observations on hunting in the Muskingum Conservancy District, 1946. 4p. June 30, 1947.

No. 2. Floyd B. Chapman. The 1946 game harvest on 11 state forests and conservation areas in southeastern Ohio. 2p. June 30, 1947.

*No. 3. Floyd B. Chapman. Report on the East Harbor controlled waterfowl hunting area -- 1946. 4p. June 30, 1947. [Original not seen.]

No. 4. J. R. Benjamin. Wildlife foods, feeding and shelters. 8p. November 10, 1949.

No. 5. Floyd B. Chapman. The 1947 waterfowl kill at East Harbor public marsh. 4p. January 15, 1948.

No. 6. Lawrence E. Hicks. The food habits of the ring-necked pheasant. 5p. September 15, 1948. [A reprint of Bull. 107 of the Bureau of Scientific Research, Ohio Division of Conservation and Natural Resources.] WR 5:17

No. 7. Robert H. McCormick. Ringneck pheasant -- general habits. 3p. November 15, 1948. [Reprinted from Bull. 92 of the Bureau of Scientific Research, Ohio Division of Conservation.]

*No. 8. Lawrence E. Hicks. Emergency feeding of game and songbirds in winter. [Original not seen; evidently taken from Hicks' 10p. paper of the same title issued December 20, 1940 by the Ohio Wildlife Research Station, Ohio State University (Release No. 154).]

No. 9. Edward L. Wickliff. The Ohio quail situation, 1935. 5p. August 15, 1949. [Reprint of paper published in September, 1935.]

No. 10. Floyd B. Chapman. Management suggestions for bobwhite quail in Ohio. 4p. August 25, 1949.

No. 11. [Floyd B. Chapman.] List of dealers in multiflora rose. 1 page. February 15, 1951.

No. 12. [Floyd B. Chapman.] Statewide wildlife habitat development project 49-D. 2p. August 25, 1949.

No. 13. [Kermit N. Morse.] Cooperative farm-game habitat restoration project in selected soil conservation districts / Federal aid project 56-D. 2p. Revised June 1, 1951.

No. 14. Daniel R. Atzenhoefer and E. D. Martin. Condensed report of rabbit studies / North Central Ohio (Erie and Huron Counties, 1936-1940). 20p. November 15, 1949.

No. 15. Eugene H. Dustman. The 1948 Ohio game kill. 7p. February 15, 1950.

No. 16. E. D. Martin. Propagation of Ohio raccoons in pens. 4p. February 15, 1950.

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* - Out of print

OHIO--Continued

No. 17. Lawrence E. Hicks. Food habits of the Hungarian partridge in Ohio. 4p. February 25, 1950. [Reprint of Bull. 104 of the Bureau of Scientific Research, Ohio Division of Conservation.] WR 5:16

No. 18. Floyd B. Chapman. Some facts about the Oldaker Wildlife Restoration Project in Highland County, Ohio. 5p. March 10, 1950.

No. 19. Kermit Morse. More rabbits and quail for Ohio's hill farms. 3p. January, 1951.

No. 20. Floyd B. Chapman and C. F. Blakeman. The waterfowl hunting season at East Harbor Hunting Preserve -- 1951. 3p. December, 1951.

No. 21. [Floyd B. Chapman.] Ohio's 1951 waterfowl migration and hunting season summary. 2p. January, 1952.

No. 22. [Kermit N. Morse.] 1951 state-wide total summary report of wood duck nesting box utilization. 2p. January, 1952.

No. 23. [Kermit N. Morse.] Survival report on tree and shrub plantings, 1951. 4p. January, 1952.

No. 24. [Kermit N. Morse.] 1951 summary report of hay mowing with or without a flushing bar. 2p. January, 1952.

No. 25. [Paul Moore.] The August game survey — 1952. 13p. September 2, 1952. WR 71:8

No. 26. Paul Moore. The 1951 Ohio game kill. 5p. October 1, 1952. WR 71:9

Wildlife Conservation Bulletins (some are written for educational purposes only)

No. 1. Daniel L. Leedy and William B. Hendershot. The ring-necked pheasant and its management in Ohio. 16p. April, 1947. WR 51:23

*No. 2. Daniel R. Atzenhoefer** and Daniel L. Leedy. The cottontail rabbit and its management in Ohio. 15p. December, 1947. WR 53:17

No. 3. Floyd B. Chapman. Tree and shrub units for wildlife habitat improvement. 15p. December, 1947. WR 54:35

No. 4. Harold Wascko and Clarence F. Clark. Pond propagation of bluntnose and blackhead minnows. 16p. March, 1948; revised January, 1951.

No. 5. Daniel L. Leedy and Charles A. Dambach. An evaluation of Ohio's wildlife resources. 18p. July, 1948. WR 55:15

No. 6. Floyd B. Chapman, Hubert Bezdek, and Eugene H. Dustman. The ruffed grouse and its management in Ohio. 24p. November, 1948. Reprinted March, 1952. WR 55:39

OKLAHOMA GAME AND FISH DEPARTMENT (State Capitol, Oklahoma City 5, Okla.)

Pittman-Robertson Series No. 1

*State Bull. No. 1. [Lawrence Temple and Jack B. Fletcher.] Upland game birds of Oklahoma. 32p. October 1941. Second edition, January, 1948; third edition, December, 1949; fourth edition pending (Miss Juanita Mahaffey in litt., April 1, 1952). [Pittman-Robertson Quart., 1:348 lists Lyle F. Selko, Lester G. Duck and O'Reilly N. Sandoz as authors.] WR 56:22; 62:39

* - Out of print
** - Incorrectly spelled Atzenhofer in original

OKLAHOMA--Continued

State Bull. No. 2. [Lyle F. Selko, Laurits W. Krefting and Jack B. Fletcher.] Fur bearers and game mammals of Oklahoma. 32p. February, 1942. Second edition 43p. July, 1948; third edition, June, 1951. WR 56:8; 69:14

Pittman-Robertson Series No. 2. The logic back of this puzzling numbering system has been lost in the course of personnel changes. According to its Director of Public Relations, the Department is no longer numbering its bulletins.

*State Bull. No. 3. L. G. Duck and Jack B. Fletcher. A survey of the game and furbearing animals of Oklahoma. 144p. + 15 inserted maps. 1945. WR 45:34

Unnumbered

*1948. Levon Lee. The fall and winter food of the bobwhite in Oklahoma. 23p. WR 57:24

[1952.] James S. Lindzey. The white-tailed deer in Oklahoma / management and production. xiv + 105p. WR 68:23

OREGON STATE GAME COMMISSION (1634 S. W. Alder St., Portland 8, Oregon)

Oregon Fauna Series

No. 1. Wesley M. Batterson and William B. Morse. Oregon sage grouse. 29p. June 1, 1948. WR 54:27

Unnumbered. Among the processed publications of the Oregon Commission written for sportsmen, the following contain technical information on distribution and population trends.

[1949. Robert U. Mace.] Oregon's pronghorn antelope. 10 unnumbered p. WR 69:25

[1952.] Robert U. Mace. Oregon's big game resources. 34p. WR 68:19

PENNSYLVANIA GAME COMMISSION (Harrisburg, Pa.)

Annual Progress Reports

*9-R. Herbert P. Kaufman. A study of forest-wildlife problems. vii + 38p., mimeographed. 1942.

Final Reports, Pittman-Robertson Projects

*6-R. John D. Beule. The cottontail rabbit in Pennsylvania. 58p., mimeographed. 1946. [Original not seen.]

*16-R. Roger M. Latham and C. R. Studholme. The bobwhite quail in Pennsylvania. 138p., mimeographed. 1946. [Original not seen; reprinted as Special Issue of Penna. Game News (see below).]

20-R. Neil D. Richmond and Harry R. Rosland.** Mammal survey of northwestern Pennsylvania. 67p. 1949. WR 60:17

24-R. William C. Grimm and Harvey A. Roberts. Mammal survey of southwestern Pennsylvania. 99p. 1950. WR 61:10

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* - Out of print

** - Junior author's name incorrectly spelled in title page of original; should read Roslund.

PENNSYLVANIA--Continued

30-R. Carl R. Warren. Survey of Pennsylvania's migratory waterfowl. 35p. 1950. WR 62:37

31-R. Stanley E. Forbes and John E. Harney, Jr. The bulldozer -- a tool of wildlife management. 136p. 1952. WR 68:6

36-R, Report I. Roger M. Latham. The food of predaceous animals in northeastern United States. 69p. 1950. WR 64:4

36-R, Report II. Roger M. Latham. The ecology and economics of predator management. 96p. 1951. WR 66:3

37-R. Harry R. Roslund. Mammal survey of northcentral Pennsylvania. 55p. 1951. WR 65:9

38-R. Clay L. Gifford and Ralph Whitebread. Mammal survey of south central Pennsylvania. 75p. 1951. WR 66:10

42-R. William C. Grimm and Ralph Whitebread. Mammal survey of northeastern Pennsylvania. 82p. 1952. WR 68:11

43-R. Harvey A. Roberts and Robert C. Early. Mammal survey of southeastern Pennsylvania. 70p. 1952. WR 68:11

Research Bulletins

*No. 1. Richard Gerstell. The Pennsylvania bounty system. A detailed study of its history, operation, cost and effects, together with a discussion of the advisability of its continuance. 28p. 1937. [WR 8:3]

*No. 2. Richard Gerstell and William H. Long. Physiological variations in wild turkeys and their significance in management. iv + 60p. 1939. WR 26:45

No. 3. Richard Gerstell. The place of winter feeding in practical wildlife management. vi + 121p. 1942. WR 38:40

Research Circulars

No. 1. Richard Gerstell. The climoactometer / A device designed to measure the effects of various meteorological factors upon the activity and general physiology of animals. 20p. 1938. WR 21:23

No. 2. Roger M. Latham. A simple method of sexing day-old ringneck pheasant chicks. 11p. 1942. WR 34:61

Special Issues, Pennsylvania Game News. These are in addition to the 12 monthly issues of this serial. Initially intended as educational media, the special issues are often quite technical in content. This is especially true of No. 4, mostly true of No. 1 and to some extent true of No. 3.

No. 1. Roger M. Latham. Pennsylvania's deer problem. 48p. September, 1950. WR 62:17

No. 2. Hal H. Harrison. Year 'round pleasures for sportsmen. 128p. March, 1951. WR 64:7

No. 3. Leo A. Luttringer, Jr. Our wildlife heritage. 64p. September, 1951.

* - Out of print

PENNSYLVANIA--Continued

No. 4. Roger M. Latham and C. R. Studholme. The bobwhite quail in Pennsylvania. 95p. March, 1952. [Reprint of final report on 6-R originally mimeographed in 1946.] WR 68:29

No. 5. Roger M. Latham. The predator question. 96p. September, 1952. [Partial reprinting of final report on 36-R, part II.] WR 70:14

Unnumbered

1951. Roger M. Latham. An analysis of the Pennsylvania bounty system. ii + 35p. [Originally issued as a confidential document and later released for public distribution.] WR 67:11

1952. [W. M. Cramer.] Summary of bounty questionnaires. 5p. March 28,1952. WR 68:10

RHODE ISLAND DEPT. OF AGRICULTURE AND CONSERVATION, Div. of Fish and Game (State House, Providence, R. I.)

Information Bulletins (mimeographed; bound in stiff paper covers).

*No. 1. Thomas J. Wright. Food patches for wildlife. 7p. April, 1950.

*No. 2. [Thomas J. Wright.] Water fowl fall migration check / Rhode Island—1950. 13p. January, 1951.

Pittman-Robertson Pamphlets

*No. 1. [Charles J. Fish, et al.] Wildlife restoration in Rhode Island / The purpose and description of the Rhode Island game management project. 6p. November, 1940.

No. 2. T. J. Wright, V. I. Cheadle, and E. A. Palmatier. A survey of Rhode Island's salt and brackish water ponds and marshes. 44p. May, 1949. WR 58:59

*No. 3. Thomas J. Wright. A study of the fox in Rhode Island. 21p. multilithed. 1949. WR 60:26

SOUTH CAROLINA DEPARTMENT OF GAME AND FISH (Columbia, S. C.)

No technical game or fish publications.

SOUTH DAKOTA DEPARTMENT OF GAME, FISH AND PARKS (Pierre, S. D.)

Technical Bulletins

No. 1. Carl G. Trautman. Pheasant food habits in South Dakota and their economic significance to agriculture. vi + 89p. 1952. WR 70:37

TENNESSEE STATE GAME AND FISH COMMISSION (166 Eighth Avenue North, Nashville 3, Tenn.)

Miscellaneous Publications. Four of these have been issued, Nos. 1-3 on stream surveys, No. 4 on herpetological collections. All represent reprints of research reports appearing in standard journals (Vincent Schultz in litt.).

Unnumbered. Three other papers sent us by the Commission were originally published as part of the proceedings of the Southeastern Association of Game and Fish Commissioners or the Southeastern Wildlife Conference.

* - Out of print

TEXAS GAME, FISH AND OYSTER COMMISSION (Austin, Texas)

Bulletins. These are generally of an educational rather than a research nature. Among the more technical issues are --

No. 15. Dan W. Lay. Fur resources of Eastern Texas. 7p. February, 1939. WR 19:32

No. 16. Valgene W. Lehmann. The heath hen of the South. iv + 11p. July, 1939. WR 24:27

No. 17. Valgene W. Lehmann. Habitat improvements for quail. 11p. October, 1939. WR 27:24

*No. 25. O. Earl Frye and Daniel W. Lay. Fur resources and fur animals of Texas. iv + 42p. 1942. WR 36:20

No. 27. Walter P. Taylor and William B. Davis. The mammals of Texas. 79p. August, 1947. [50 cents a copy.] WR 57:7

FA Report Series. The first two were unnumbered when originally issued.

*No. 1. Eugene A. Walker. Rio Grande turkey in the Edwards Plateau of Texas / 1946-1948. 20p. May, 1948. [Title taken from title page of a typewritten facsimile of the original.] WR 54:27

*No. 2. Henry C. Hahn, Jr. A method of censusing deer and its application in the Edwards Plateau of Texas. viii + 24p. 1949. WR 58:14

No. 3. Paul V. Jones, Jr. Experimental management of antelope. vi + 31p. August, 1949. WR 60:22

*No. 4. Eugene A. Walker. A study of factors influencing wild turkey populations in the central mineral region of Texas. vi + 28p. August, 1949. WR 60:44

No. 5. O. F. Etheredge. Experimental trapping and transplanting of mule deer. vii + 10p. August, 1949. WR 60:20

*No. 6. Eugene A. Walker. A study of factors influencing wild turkey populations in the live oak - shin oak divide area of the Edwards Plateau of Texas. vi + 46p. February, 1951. WR 64:34

*No. 7. A. S. Jackson. The bobwhite quail in relation to land management in the Western Cross Timbers. vi + 47p. February, 1951. WR 64:31

No. 8. Henry C. Hahn, Jr. Economic value of wild game in the Edwards Plateau. viii + 50p. May, 1951. WR 66:9

No. 9. A. J. Springs, Jr. Relation of bobwhite quail to mesquite grassland type. viii + 48p. June, 1952. WR 69:38

No. 10. Daniel W. Lay. Bobwhite quail in relation to pine woodland type. x + 54p. August, 1952. WR 70:35

Unnumbered

*1937. V. W. Lehmann. Increasing quail by improving their habitat. 44p. WR 9:21

1943. E. R. Kalmbach. The armadillo; its relation to agriculture and game. vi + 61p. WR 39:32

* - Out of print

TEXAS--Continued

*1945. Henry C. Hahn, Jr. The white-tailed deer in the Edwards Plateau region of Texas. 52p. WR 44:24

1945. [Phil D. Goodrum and Daniel W. Lay, with assistance of E. G. Marsh, A. J. Nicholson, F. S. Henika, and several others.] Principal game birds and mammals of Texas / Their distribution and management. viii + 149p. [Bound in cloth; $2.00 a copy.]

UTAH STATE DEPARTMENT OF FISH AND GAME (1596 West North Temple, Salt Lake City 16, Utah)

Departmental Information Bulletins, Federal Aid Division

No. 1. W. Leslie Robinette and Wallace Jensen. A simplified method for determining the age of mule deer. 5 unnumbered p. + covers, multilithed. October 17, 1950. WR 65:11

No. 2. D. M. Gaufin and Harold S. Crane. Utah big game harvest. 15p., mimeographed. April 1, 1951.

Publications [Bulletins.] The first was unnumbered when issued.

[No. 1.] Nolan West and D. I. Rasmussen. Utah beaver study. 37p. April,1947.

No. 2. [D. M. Gaufin, A. D. Smith, W. L. Robinette and Odell Julander.] Range for big game and livestock in Utah. 24p. 1950. [Publication No. 2 on cover; Bulletin No. 2 on title page.] WR 65:9

No. 3. Chester M. Hart, Orville S. Lee, Jessop B. Low. The sharp-tailed grouse in Utah / Its life history, status, and management. x + 79p. [1952.] WR 69:40

VERMONT FISH AND GAME SERVICE (Montpelier, Vt.)

State Bulletins, Pittman-Robertson Series. Nos. 1 and 2, which are out-of-print, were not available for collation at the time of our compilation. (They may never have been issued.) The early Vermont bulletins were mimeographed and primarily progress reports concerning early deer weights and measurements (Roger A. Seamans in litt.). State Bulletins No. 4 and 5 were presumably of this type. Several publications bear a separate (and somewhat confusing) Bulletin number as follows:

State Bulletin	Pittman-Robertson Series	Author and title
*No. 3	--	James C. Otis, Jr. Deer weights and measurements. 21p., multilithed. [Original not seen; noticed in Pittman-Robertson Quarterly, 5(3):125.] Jan. 15, 1940 [vide S. E. Aldous].
No. 3-1	No. 3	See Series No. 3 below
No. 3-2	No. 4	See Series No. 4 below
*No. 3-3	--	James C. Otis, Jr. Vermont fur resources survey. 6p., multilithed. June 20, 1940. [Not seen; noticed in Pittman-Robertson Quart., 5(3):125.]
No. 3-4	No. 5	See Series No. 6 below
*No. 4	--	A progress report? Title unknown
*No. 5	--	A progress report? Title unknown
No. 6	No. 6	See Series No. 6 below

* - Out of print

VERMONT--Continued

Each of the following carries the designation "State Bulletin, Pittman-Robertson Series." The numbers cited are to be regarded as Series numbers.

*No. 3. Roger Seamans. The distribution of beaver in Vermont. 5p. multilithed. January 15, 1941. [Original not seen; noticed in Pittman-Robertson Quarterly, 5(4):170.] WR 31:26

*No. 4. Roger Seamans. Deer weights and measurements. 16p., multilithed. February 1, 1941. [Original not seen; noticed in Pittman-Robertson Quarterly, 5(4):170.] WR 31:26

*No. 5. Roger A. Seamans. Lake Champlain fur survey. 34p. August 15, 1941. [Page 4 contains the title: Muskrats in the Champlain Valley of Vermont.] WR 34:40

*No. 6. Roger Seamans. Deer weights and measurements. P.1-27, 1942. [Bound together with No. 7.]

*No. 7. Roger Seamans. Distribution of beaver in Vermont. P.28-39. February, 1942. [Bound together with No. 6.]

*No. 8. Leonard E. Foote. Vermont pheasant investigation. 64p. 1942. [Original not seen.]

*No. 9. Robert H. McCauley, Jr. The status of deer in Windham County, Vermont, 1938-1942. 23p. March 15, 1943.

*No. 10. Robert H. McCauley, Jr. The status of deer in Windham County, Vermont, 1943. 16p. March 1, 1944. [Original not seen; noticed in Pittman-Robertson Quarterly, 5(3):125.]

*No. 11. Leonard E. Foote. A history of wild game in Vermont. 46p. August 1, 1944; 2nd ed. revised, 51p., 1944; 3rd ed. revised 51p., 1946. [To be reprinted after revision (G. W. Davis, in litt. March 27,1952).]

*No. 12. Leonard E. Foote. Vermont's beaver problem. 21p. February 1,1945. WR 57:11

No. 13. Leonard E. Foote. The Vermont deer herd / A study in productivity. 125p. 1945. [To be reprinted after revision (G. W. Davis, in litt. March 27, 1952).] WR 45:28

No. 14. Leonard E. Foote. Vermont's wild game resource / A study of the Vermont hunter. 48p. April 1, 1946.

No. 15. Roger A. Seamans. The time is now! A pictorial study of Vermont's deer herd. 48p. January 1, 1947 (on title page). [1946 on cover.] WR 49:29

No. 16. Roger A. Seamans. Electric fences for the control of deer damage. 77p. February 1, 1951. WR 69:29

VIRGINIA COMMISSION OF GAME AND INLAND FISHERIES (7 North Second street, Richmond 13, Va.)

Books

*1943. [Henry S. Mosby and Charles O. Handley.] The wild turkey in Virginia: its status, life history and management. xx + 281p. WR 37:34

* - Out of print

VIRGINIA--Continued

1947. Charles O. Handley, Jr. and Clyde Patton. Wild mammals of Virginia. vi + 270p. [Bound in cloth ($2.00).] WR 51:26

Booklets

1942. [H. S. Mosby and C. O. Handley.] The wild turkey in Virginia / Its habits and management. iv + 44p. June, 1942. WR 35:62

1951. Joseph J. Shomon. Birdlife of Virginia. 88p. [25 cents a copy.] WR 67:27

Investigational Bulletins. These were started as a method of issuing preliminary reports on various research studies. Virginia does not have any investigational work currently under the Federal Aid program.

*No. 1. Henry Mosby. Preliminary report / The wild turkey in Virginia. ii + 18p., mimeographed. September, 1940.

*No. 2. Donald J. Wooley. Deer investigation. ii + 8 + 6p. of tables [of weights and measurements], mimeographed. June, 1941.

WASHINGTON STATE DEPARTMENT OF GAME (509 Fairview Avenue North, Seattle 9, Wash.)

Biological Bulletins. [The first was unnumbered when issued.]

*[No. 1.] Clarence Pautzke, Burton Lauckhart, Leonard Springer, Niilo Anderson, E. A. Chitwood and Howard D. Moore. Washington deer report 1939. iv + 44 + 6 unnumbered p. of maps and appendix + 10 pl. July, 1939.

*No. 2. Niilo A. Anderson. Mountain goat study / Progress report. i + 21p., mimeographed, + 4 pl. June, 1940.

*No. 3. Clarence F. Pautzke and Robert C. Meigs. Studies of the life history of the Puget Sound steelhead (Salmo gairdnerii). 24p. July, 1940.

*No. 4. Burton Lauckhart. Supplemental deer report 1940. i + 29p., mimeographed. July, 1940.

*No. 5. Robert C. Meigs and Clarence F. Pautzke. Additional notes on the life history of the Puget Sound steelhead (Salmo gairdnerii) with suggestions for management of the species. 14 [unnumbered] p. October, 1941.

**No. 6. Chester Ball, Norman P. Knott, and Burton Lauckhart. Upland game bird study / Whitman County / Washington / 1940. v + 81p., mimeographed. September, 1941. WR 37:34

**No. 7. Theo. H. Scheffer and Neil Hotchkiss. Plant-food resources for waterfowl in the Pacific Northwest. 39p. 1945. WR 69:51

**No. 8. Harold W. Miller, Chester C. Ball, and Norman P. Knott. The comparative value of woody plants as food for upland game birds. 40p. April, 1948. WR 55:51

No. 9. [Norman P. Knott and Dan C. Barnett.] Ranges and descriptions of the resident game species of Washington. 21p., mimeographed. May, 1949; revised April, 1952. WR 69:8

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* - Out of print
**- Available for distribution to libraries only

WEST VIRGINIA CONSERVATION COMMISSION (Charleston 5, W. Va.)

Bulletins, Division of Game Management

No. 1. Wendell G. Swank. Beaver ecology and management in West Virginia. viii + 65p. 1949. WR 58:19

No. 2. R. Wayne Bailey, Hans G. Uhlig, and George Breeding. Wild turkey management in West Virginia. viii + 50p. 1951. WR 64:33

Unnumbered

West Virginia's deer problem. 31p. 1951. [Articles by C. W. Severinghaus on 'How range conditions affect the productivity of the deer herd,' I. H. Bartlett on 'Our deer problem and its effect on the management of food and cover for wildlife,' and others.] WR 69:29

W. R. DeGarmo. An analysis of the 1951 deer season. 6p., mimeographed + 6 unpaged tables. [January, 1952.] [A revision of this article, "From bucks to deer in West Virginia," was later presented at the 1952 meeting of the Northeast Section of the Wildlife Society at Jackson's Mill, W. Va.] WR 68:22

WISCONSIN CONSERVATION DEPARTMENT (State Office Building, Madison 2, Wis.)

Game Census Reports. These publications of the Game Management Division [formerly prepared by Walter E. Scott and currently by Otis S. Bersing] are revised annually and now appear in two series under the following (or nearly similar) titles:

Wisconsin Game Kill and License Sales Charts. The 1952 multilithed revision contains 20 processed p. and presents graphs of estimated statewide kill for the past 20 years.

Game and Fur Harvest Report. The June, 1952, issue has 13 mimeographed p. and tabulates the estimated harvest by counties. Both series are based upon hunters' annual reports.

Publications. These are numbered according to subject matter. Fishery articles are in the 200s, game articles in the 300s, forestry articles in the 500s, etc. For a time, these numbers were given to reprints from the Wisconsin Conservation Bulletin. This practice is no longer followed, and none of these reprints are listed below.

*323. Ernest Swift. A history of Wisconsin deer. 96p. March, 1946. WR 46:32

*326. Irven O. Buss. Wisconsin pheasant populations. P. 1-148 [including The history and future of the pheasant in Wisconsin by Aldo Leopold and W. F. Grimmer, p. 15-25]. WR 48:27
George B. Rossbach. Food habits of the ringneck pheasant. P.149-184. [1946.] WR 48:27

328. Wallace B. Grange. Wisconsin grouse problems. 318p. 1948 [= 1950.] [There is a 25 cent charge for mailing this book.] WR 58:42

349-50. Otis S. Bersing. Fifteen years of bow and arrow hunting in Wisconsin. 24p. processed. [1950.]

351-51. N. R. Barger. Wisconsin mammals. 54p. [1952.] WR 69:14

* - Out of print

WISCONSIN--Continued

Technical Wildlife Bulletins

No. 1. Cyril Kabat, Donald R. Thompson, and Frank M. Kozlik. A device for dating natural events in game animals. 4p. 1950. WR 64:5

No. 2. Cyril Kabat, Donald R. Thompson and Frank M. Kozlik. Pheasant weights and wing molt in relation to reproduction with survival implications. ii + 26p. 1950. WR 64:32

Unnumbered

[1951.] Otis S. Bersing. The deer kill / 1950 season. 11p., processed. [Estimates based upon a questionnaire.]

[1952.] Otis S. Bersing. The deer kill / 1951 season. 10p., processed. [Estimates based upon a questionnaire.]

Wisconsin Wildlife

No. 1. Frederick and Frances Hamerstrom and Oswald E. Mattson. Sharptails into the shadows? 35p. 1952. WR 70:38

WYOMING GAME AND FISH DEPARTMENT (Cheyenne, Wyoming)

Books

1952. Robert L. Patterson. The sage grouse in Wyoming. xxiv + 341p. WR 70:39

Bulletins

No. 1. Ralph F. Honess and Edward M. Frost. A Wyoming bighorn sheep study. vi + 127p. July 1, 1942. [50 cents a copy.] WR 35:43

No. 2. Sage grouse studies. [Part I -- Structure and function of the neck muscles in inflation and deflation of the esophagus in the sage grouse; by Ralph F. Honess and Warren J. Allred. Part II -- Seasonal and sexual dimorphic variations in the so-called "air sacs" region of the sage grouse; by L. Floyd Clarke, Hermann Rahn and Malcolm D. Martin.] 27p. November 1, 1942. [Reprinted from Wyoming Wildlife; 15 cents a copy.] WR 39:34

No. 3. Dee Linford. Wyoming stream names. 33p. 1944. [Reprinted from Wyoming Wildlife (25 cents a copy).]

No. 4. James R. Simon. Wyoming fishes. 129p. 1946. [$1.00 a copy.] WR 60:52

No. 5. Ralph B. Williams and Clyde P. Matteson, Jr. Wyoming hawks. 84p. [Original not yet examined; $1.00 a copy.] WR 55:42

No. 6. James E. Grasse and Euvern F. Putnam. Beaver management and ecology in Wyoming. viii + 52p. 1950. [25 cents a copy.] WR 61:19

Final Reports, Federal Aid in Wildlife Restoration. Numerical designation of Wyoming's Federal Aid reports is explained by Floyd M. Blunt (in litt.) as follows: "In a basic designation like 28-R-4, the '28' indicates the project number as assigned to us by the Regional Office of the Fish and Wildlife Service, the 'R' stands for 'Research' and the '4' means that the project is in its fourth year. The volume number used on reports always corresponds to the year or segment number. For instance, all reports

WYOMING--Continued

pertaining to Project 28-R-4 are listed as 'Volume 4'. The 'number' (1, 2, 3, or 4) indicates the fiscal year quarter during which the report was released. Number 1 would indicate that the report covered activity for the period of July, August, and September; Number 2 would be October, November, and December, etc."

28-R-2,3,4. George Post. Feathered game survey. (The effects of toxaphene and chlorodane insecticides on birds.) 27p. April 15, 1951. [A condensed version appeared in J. Wildl. Mgt., 15(4):381-386 (October, 1951) where it was noted by Wildlife Review.] WR 66:25

28-R-4,5. George Post. Feathered game survey. (The effects of aldrin insecticide on birds.) 13p. October 15, 1951. "Vol. 5, No. 1." [This appeared in Wyoming Wild Life, 15(9):4-9, 32-36 (September, 1951) where it was noticed by Wildlife Review.] WR 66:20

APPENDIX A. QUARTERLY PROGRESS REPORTS

The Federal Aid in Wildlife Restoration Act requires quarterly reports from all active research projects. This has given rise to a new set of serials, some mimeographed, the others processed on heavier paper. A number of these have a moderately restricted circulation among wildlife research agencies in the United States. Most of them are not intended for general distribution.

Colo.: QUARTERLY PROGRESS REPORT. Issued by Game Mgt. Div. - Federal Aid Section.

Id.: QUARTERLY REPORTS. Issued by Wildlife Restoration Division.

Ia.: QUARTERLY BIOLOGY REPORTS. Issued by Fish and Game Div. - Biology Section. (Permission required before material can be quoted.)

Ind.: INDIANA PITTMAN-ROBERTSON WILDLIFE RESEARCH REPORT. Issued by Pittman-Robertson Project 2-R since 1940. Current copies of these quarterly progress reports may be obtained by writing the Project at 311 West Washington Street, Indianapolis 9, Ind. Permission to quote from this serial was initially required and is again desired (W. B. Barnes, in litt.).

Ky.: KENTUCKY FEDERAL AID DIVISION PROGRESS REPORTS. Div. of Game and Fish. As of July 1, 1950, the Division discontinued this series. Annual reports and final reports are planned.

Me.: JOB COMPLETION REPORTS. A "Ditto" machine process.

Miss.: MISSISSIPPI PITTMAN-ROBERTSON PROGRESS REPORT. State Game and Fish Commission. Vol. 1, no. 1 was issued August 1950.

Minn.: PITTMAN-ROBERTSON GAME RESEARCH PROJECT QUARTERLY. Progress Report. Issued by Bureau of Game.

Mont.: QUARTERLY REPORT. Issued by Wildlife Restoration Division.

Nev.: PITTMAN-ROBERTSON FEDERAL AID PROJECTS / QUARTERLY PROGRESS REPORT. Issued by Wildlife Restoration Div., Pittman-Robertson Projects.

N. H.: QUARTERLY PROGRESS REPORT / SURVEYS AND INVESTIGATIONS.

N. J.: F. A. W. QUARTERLY PROGRESS REPORTS.

QUARTERLY PROGRESS REPORTS--Continued

N. Y.: PITTMAN-ROBERTSON GAME RESEARCH PROJECTS QUARTERLY REPORTS. Issued by Div. of Fish and Game, Bur. of Fish and Wildlife Investigations.

Ohio: OHIO WILDLIFE INVESTIGATIONS. Issued by Division of Wildlife.

Pa.: QUARTERLY PROGRESS REPORTS. Issued by Pa. Game Comm.

S. D.: PITTMAN-ROBERTSON QUARTERLY PROGRESS REPORT. These have been mimeographed and distributed in stiff covers since April, 1946. All reports have been numbered since 1950. An index to numbers 1-17 has also been issued. Permission to quote is not restricted.

Tenn.: TENN. FEDERAL AID SECTION PROGRESS REPORTS. Issued Quarterly, beginning with the period October-December, 1950.

W. Va.: QUARTERLY PROGRESS REPORT FOR INVESTIGATION PROJECTS.

Wis.: WISCONSIN WILDLIFE RESEARCH. Permission required in order to quote materials.

Wyo.: FEDERAL AID IN WILDLIFE RESTORATION QUARTERLY REPORTS. An explanation of the numbering system used in these processed quarterly progress reports is given under Wyoming in the main part of this bibliography. Separate reports are issued on each project: big game survey, diseases of game animals, game birds and furbearers, trapping and transplanting, game bird survey.

A number of states and territories issue reports at irregular intervals. These may represent the completion of an entire project, or some segment of it. Some are processed; others are only typewritten:

Alaska	Hawaii
Arizona	Nebraska
California	North Carolina
Delaware	Washington
Florida	

APPENDIX B. STATE GAME DEPARTMENT PERIODICALS

The following list was compiled for our Department at the University of Wisconsin by Ruth L. Hine. Neil Hotchkiss of the U. S. Fish and Wildlife Service and Clay Schoenfeld of the University of Wisconsin generously assisted in the compilation.

A. No regularly issued periodicals

Arizona	Indiana	Rhode Island
Arkansas	Maine	South Carolina
Connecticut	Nevada	Vermont
Delaware	New Hampshire	

B. Regularly issued periodicals. In content, these range from ornate travelogues for motorists to technical and valuable journals. Where subscription prices are set, these are so indicated; when none is listed, the periodical is sent free (especially to libraries and research stations).

Ala.: ALABAMA CONSERVATION (formerly ALABAMA GAME AND FISH NEWS)
Ala. Dept. of Conservation, 5-7 N. Bainbridge St., Montgomery 4. Monthly; vol. 1: 1929-30.

STATE GAME DEPARTMENT PERIODICALS--Continued

Calif.: CALIFORNIA FISH AND GAME
Calif. Department of Fish and Game, Calif. State Fisheries Laboratory, San Pedro. Quarterly; vol. 1: 1914.

Colo.: COLORADO CONSERVATION
Colo. Game and Fish Commission, 1530 Sherman St., Denver 3, Bimonthly; vol. 1: 1952. ($1.00/year.) [Succeeds COLORADO CONSERVATION COMMENTS.]

Fla.: FLORIDA WILDLIFE
Fla. Game and Fresh Water Fish Commission, Tallahassee. Monthly; vol. 1(1): June, 1947. ($1.00/ year.)

Ga.: GEORGIA GAME AND FISH COMMISSION PUBLIC INFORMATION BULLETIN
Georgia Game and Fish Commission, 412 State Capitol, Atlanta. Annual; no. 1: July, 1949.

Idaho: IDAHO WILDLIFE REVIEW
Idaho Department of Fish and Game, Boise. Bimonthly; vol. 1: June, 1948.

Ill.: OUTDOORS IN ILLINOIS
Ill. Department of Conservation, 121 State House, Springfield. First published in 1949 (vol. 14) as a continuation of ILLINOIS CONSERVATION.

Ind.: OUTDOOR INDIANA
Conservation Dept., 401 State Lib. Bldg., Indianapolis 9. Monthly; vol. 1: 1934. ($1.00/year.) [Publication suspended with Feb. 1953 issue.]

Iowa: IOWA CONSERVATIONIST
Iowa State Conservation Commission, East 7th and Court Ave., Des Moines 9. Monthly; vol. 1(1): Jan. 1942. (40 cents/year, or $1.00/3 years.)

Kan.: KANSAS FISH AND GAME
Kan. Forestry, Fish and Game Commission, Pratt. Quarterly; vol. 1: 1942.

Ky.: HAPPY HUNTING GROUND
Ky. Division of Game and Fish, State Office Bldg., Frankfort. Bimonthly; vol. 1: 1942. ($.50/year.)

La.: LOUISIANA CONSERVATIONIST
La. Department of Wild Life and Fisheries, 126 Civil Courts Bldg., New Orleans 16. Monthly; vol. 1(1): September, 1948.

Mass.: MASSACHUSETTS WILDLIFE
Information-Education Office, Mass. Dividion of Fisheries and Game, Upton, Mass. Mimeographed; more or less monthly in unnumbered issues.

Md.: MARYLAND CONSERVATIONIST
Md. Game and Inland Fish Commission, 512 Munsey Bldg., Baltimore 2. Quarterly; vol. 1: 1924. ($1.00/year.)

Mich.: MICHIGAN CONSERVATION
Department of Conservation, State Office Bldg., Lansing 13. Monthly; vol. 1: 1932. ($1.00/year.)

Minn.: CONSERVATION VOLUNTEER
Department of Conservation, 633 State Office Bldg., St. Paul 1. Monthly; vol. 1(1): October, 1940.

STATE GAME DEPARTMENT PERIODICALS--Continued

Miss.: MISSISSIPPI GAME AND FISH
Miss. Game and Fish Commission, Pearl and Congress Sts., Jackson. Monthly; vol. 1: 1937.

Mo.: MISSOURI CONSERVATIONIST
State Conservation Commission, Jefferson City. Monthly; vol. 1: 1943. ($1.00/year to nonresidents.)

Mont.: MONTANA WILDLIFE
Montana Fish and Game Department, Helena. Quarterly; vol. 1: 1952. [Succeeds SPORTING MONTANA, which began in 1951.]

Nebr.: OUTDOOR NEBRASKA
Game, Forestation and Parks Commission, Lincoln 9. Quarterly; vol. 1: 1926. ($1.00/5 years.)

N. J.: NEW JERSEY OUTDOORS
Dept. of Conservation and Economic Development, Div. of Fish and Game, State House, Trenton, 7. Monthly; vol. 1, no. 1: July, 1950. ($1.00/year.) [Succeeds NEW JERSEY FISH AND GAME BULLETIN.]

N. M.: NEW MEXICO
Bureau of Publications, State of New Mexico, 613 W. Gold Ave., Albuquerque. Annual reports, news, and views of the State's Department of Game and Fish regularly appear in a section of this serial called "The Conservationist." Monthly, $2.50/year. [First published in July, 1931, when the N. M. HIGHWAY JOURNAL (1923) was combined with the Game Department's QUARTERLY CONSERVATIONIST (1927).]

N. Y.: NEW YORK CONSERVATIONIST
State of New York Conservation Dept., Albany 1. Bimonthly; vol. 1: 1945. ($1.00/year.)

FISH & GAME NEWS
Initially a bimonthly, this publication of the Division of Fish and Game is now distributed in quarterly unnumbered issues of 8p. Emphasis is on departmental activities. Technical data on the state's game kill are presented from time to time and are analyzed in considerable detail. All the articles are anonymously written.

N. C.: WILDLIFE IN NORTH CAROLINA
N. C. Wildlife Resources Commission, 543 Education Bldg., Raleigh. Monthly; began publication November, 1937, as WILDLIFE MANAGEMENT IN NORTH CAROLINA, a book which was succeeded by NORTH CAROLINA WILDLIFE CONSERVATION in April, 1938. Appeared under its present name in 1946 without change in volume or number. (50 cents/year.)

N. D.: NORTH DAKOTA OUTDOORS
State Game and Fish Dept., Bismarck. Monthly; vol. 1: 1938. (50 cents/year.)

Ohio: THE CONSERVATION BULLETIN
Division of Wildlife, Ohio Dept. of Natural Resources, 1106 State Office Bldg., Columbus 15. Monthly; vol. 1 began with 3 issues in August, September and October, 1936, under name of THE OHIO OUTDOORSMAN. Publication resumed under present title in July, 1937. ($1.00/year.)

Okla.: OKLAHOMA GAME AND FISH NEWS
Game and Fish Dept., Room 118, State Capitol, Oklahoma City 5. Monthly; vol. 1: 1945. ($1.50/year.)

STATE PERIODICALS--Continued

Ore.: OREGON STATE GAME COMMISSION BULLETIN
Ore. State Game Commission, 1634 S. W. Alder St., Portland 8. Monthly; vol. 1: 1946.

Pa.: PENNSYLVANIA GAME NEWS
Pa. Game Commission, Harrisburg. Monthly; vol. 1: 1932. ($2.00/3 years.)

S. D.: SOUTH DAKOTA CONSERVATION DIGEST
S. D. Dept. of Game, Fish and Parks, Pierre. Monthly; originally mimeographed; became a printed journal December, 1935.

Tenn.: THE TENNESSEE CONSERVATIONIST
Tenn. Dept. of Conservation, Nashville 3. Monthly; vol. 1 appeared February, 1937, as TENNESSEE WILDLIFE published by Tennessee Federation of Sportsmen.

Texas: TEXAS GAME AND FISH
Texas Game, Fish and Oyster Commission, Walton Bldg., Austin. Monthly; vol. 1: 1942. ($1.00/year.)

Utah: UTAH FISH AND GAME BULLETIN
Utah Fish and Game Dept., Salt Lake City 16. Monthly; vol. 1, no. 1: May, 1943.

Va.: VIRGINIA WILDLIFE
Va. Commission of Game and Inland Fisheries, Richmond 13. Monthly; vol. 1 about 1940; first published in its present form in July, 1946. ($1.00/year; $2.00/3 years.)

Wash.: WASHINGTON STATE GAME COMMISSION BULLETIN
Wash. State Game Commission, 509 Fairview Avenue North, Seattle 9. Quarterly; vol. 1: August, 1949.

W. Va.: WEST VIRGINIA CONSERVATIONIST
Conservation Commission of West Virginia, State Capitol, Charleston 5. Monthly. Published as folded leaflet in 1938-41, and in present form since 1941. ($.50/year.)

Wis.: WISCONSIN CONSERVATION BULLETIN
Wis. Conservation Department, State Office Bldg., Madison 2. Monthly; vol. 1: 1936.

ACTIVITIES PROGRESS REPORTS
More or less monthly; multilithed. No. 1 dated Nov. 28, 1947; no. 53 was dated December 17, 1952.

Wyo.: WYOMING WILD LIFE
Wyo. Game and Fish Commission, Box 335, Cheyenne. Monthly; vol. 1: 1936. ($1.00/2 years.)

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SUBJECT INDEXES

Since the arrangement of this issue is necessarily geographic, the editor has prepared subject indexes. Topics indexed, of course, are only those mentioned in titles of publications. Thus a paper indexed only under "Big game, general" may have more information on deer than a small leaflet dealing only with deer and therefore indexed under "Big game, deer." Papers on plants used in farm wildlife programs are indexed only under "Farm game and its management."

This subject index has been divided into two parts so that topic headings such as "Refuges, seed-stock" and "Values of wildlife" can be scanned quickly. Entries of this type tend to be overlooked if mixed with the names of animals and animal groups.--Wm. H. Stickel.

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